



SEQUENCE LISTING

A3
<110> FUJII, Tadashi
NARITA, Takao
NAKATA, Kuniho
AGEMATU, Hitosi
TSUNEKAWA, Hiroshi
ISSHIKI, Kunio
YOSHIOKA, Taked

<120> Gene participating in the production of homoglutamic acid and its use

<130> 2001-0116A/LC/00202

<140> 09/762,230
<141> 2001-02-05

<150> JP10/232382
<151> 1998-08-05

<150> JP11/182362
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 Arg Gln Val Phe Ala Asp Ala Gln Ala Asn His Trp Phe Ile Glu Ala
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 Gln Arg Cys Thr Thr Arg Arg Leu Ile Val His Glu Ser Ile Tyr
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 Glu Val Val Gln His Glu Thr Phe Ala Pro Ile Leu Tyr Val Met Lys
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<222> (3)
<223> y = t or c

<220>
<221> modified_base
<222> (6)
<223> i

<220>
<221> modified_base
<222> (9)
<223> i

<220>
<221> base
<222> (11)
<223> r = g or a

<220>
<221> modified_base
<222> (12)
<223> i

<220>
<221> base
<222> (14)
<223> k = g or t

<220>
<221> modified_base
<222> (15)
<223> i

<220>
<221> modified_base
<222> (18)
<223> i

<220>
<221> modified_base
<222> (21)
<223> i

<220>
<221> base
<222> (24)
<223> r = g or a

*but C4
cont*

Sub C U

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<220>
<221> modified_base
<222>(27)
<223> i

<220>
<221> modified_base
<222> (30)
<223> i

<220>
<223> Description of Artificial Sequence: DNA PRIMER

<400> 8
ccytgngtna rnckngtncc ngcrtgngcn cg

<210> 9
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (3)
<223> i

<220>
<221> base
<222> (6)
<223> r = g or a

<220>
<221> modified_base
<222> (9)
<223> i

<220>
<221> modified_base
<222> (12)
<223> i

<220>
<221> modified_base
<222> (15)
<223> i

<220>
<221> base
<222> (17)
<223> r = g or a
```

32

A3
CONT.

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<220>
<221> modified_base
<222> (18)
<223> i

<220>
<221> modified_base
<222> (21)
<223> i

<220>
<221> modified_base
<222> (24)
<223> i

<220>
<221> base
<222> (26)
<223> r = g or a

<220>
<221> modified_base
<222> (27)
<223> i

<220>
<221> modified_base
<222> (30)
<223> i

<220>
<223> Description of Artificial Sequence: DNA PRIMER

<400> 9
ccngcrtgng cncgnarngg nggnarnnggn gc
```

32